

REMARKS

This Amendment is filed in response to the Office Action dated December 23, 2009, directed to pending claims 1-21 and 28-52 of which claims 1, 16, 28 and 45 are independent.

All pending claims are rejected under 35 USC 103(a) either under Gitlin (US 6,018,528) in view of Yano (US 6,563,806) or under Gitlin and Yano and further in view of Krishnamoorthy (US 2002/0051424). All independent claims, claims 1, 16, 28 and 45 are rejected over the combination of Gitlin and Yano. In response, all independent claims have been amended further to now recite “wherein said allocation information is for identifying a wireless communication terminal communicating with said base station and wherein said allocation information is for identifying one carrier or a plurality of carriers.” None of the cited art, and in particular Yano, discloses or suggests this claimed feature. Gitlin and Krishnamoorthy are not helpful inasmuch as the Examiner acknowledges or does not rely on those references as disclosing allocation information. Indeed, the Examiner acknowledges that Gitlin fails to disclose the base station and its specific components. See Office Action at 3.

Yano fails to disclose the newly added limitation. Yano describes that among communication channels (See Fig. 4:1 to 4n) identified by carrier frequency and time slot, channel candidates for a single channel communication are registered in a single-channel management table 300 (Fig. 5), and channel candidates for a multiple-channel communication are registered in a multiple-channel management table 400 (Fig. 6). When receiving a channel assignment request, a base station assigns channel(s) while referencing either one of the tables (see, for example, claim 1 of Yano).

In contrast, in the claimed invention, allocation information (for example, MAC index in the exemplary embodiment) is allocated for each terminal and such information is for identifying a wireless communication terminal communicating with said base station and identifying one carrier or a plurality of carriers (see, e.g., paragraphs [0076]-[0088] of Applicant's published application). Applicant further notes that the MAC index is merely illustrative in understanding the claims and not limiting. Like the MAC index, the claims recite allocation information that identifies a wireless communication terminal communicating with said base station and one carrier or a plurality of carriers. As recited in claim 1, for example, allocation information (for identifying a wireless communication terminal) is allocated when carrier(s) is/are allocated to a wireless communication terminal. Because the allocation information is used for **identifying** a wireless communication terminal communicating with said base station **and** for **identifying** one carrier or a plurality of carriers, system efficiency is improved. Gitlin and Yano are silent in this regard. Accordingly, none of the independent claims or any of the claims dependent on the independent claims are rendered obvious by the cited prior art.

For the foregoing reasons, Applicant respectfully submits pending claims 1-21 and 28-52 are allowable over the prior art of record and that the application is now in condition for allowance. The Examiner is urged to telephone Applicant's undersigned counsel at the number noted below if it will advance the prosecution of this application, or with any suggestion to resolve any condition that would impede allowance. In the event that any extension of time is required, Applicant petitions for that extension of time required to make this response timely.

Kindly charge any additional fee, or credit any surplus, to Deposit Account No.
50-0675, Order No. 848075-0053.

Respectfully submitted,

Date: May 24, 2010

A handwritten signature in black ink, appearing to read "John C. Garces", is written over a horizontal line.

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